

FIG. 1

Fig A: Outbound speech samples overlayed with VAD

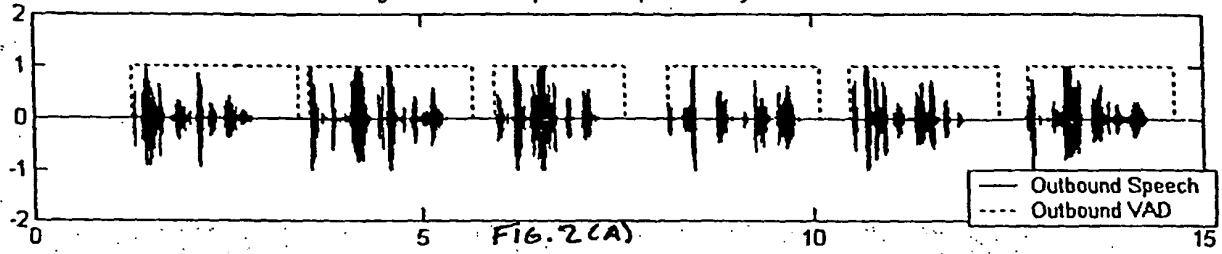


Fig B: Echo cancelled inbound speech samples overlayed with VAD

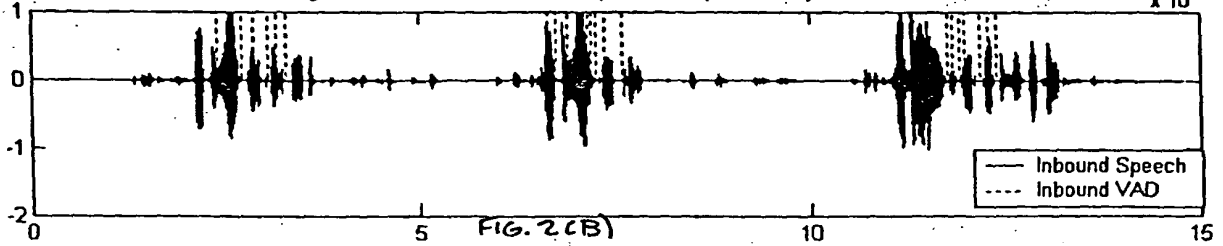
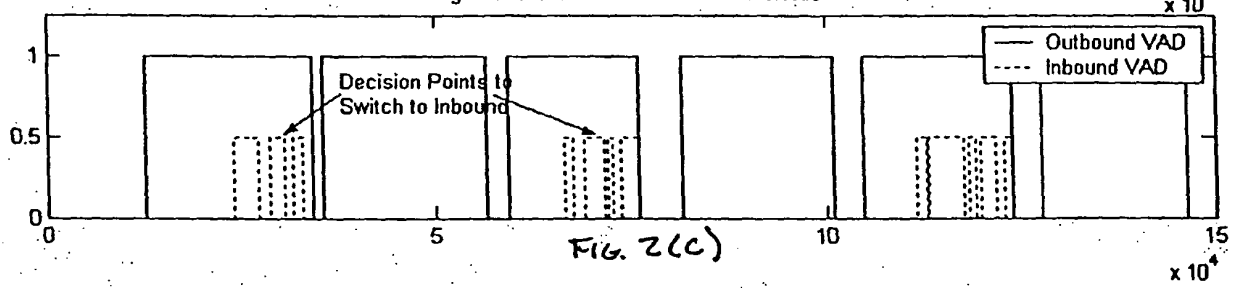


Fig C: Outbound and Inbound VAD status



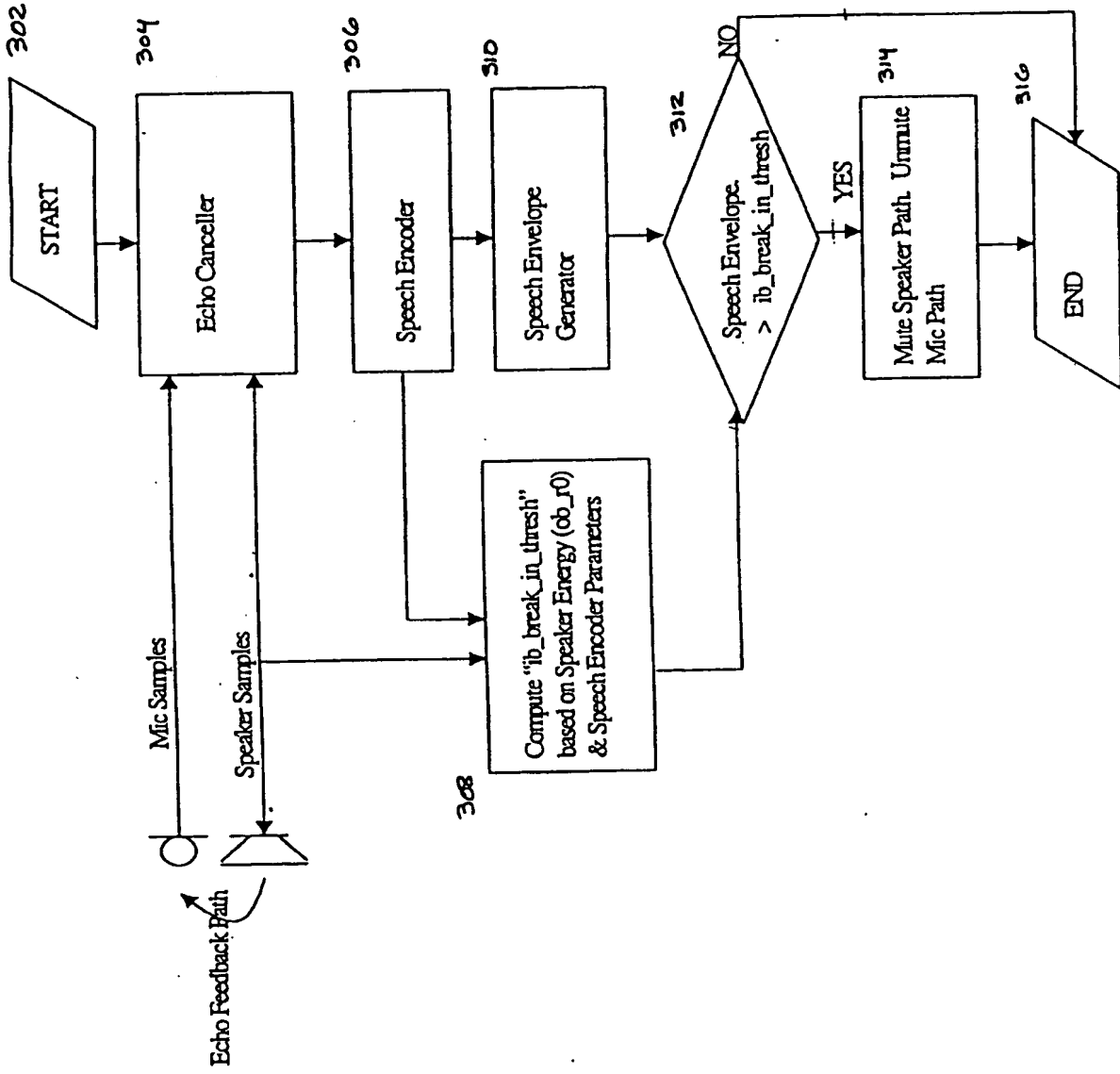


Fig 3

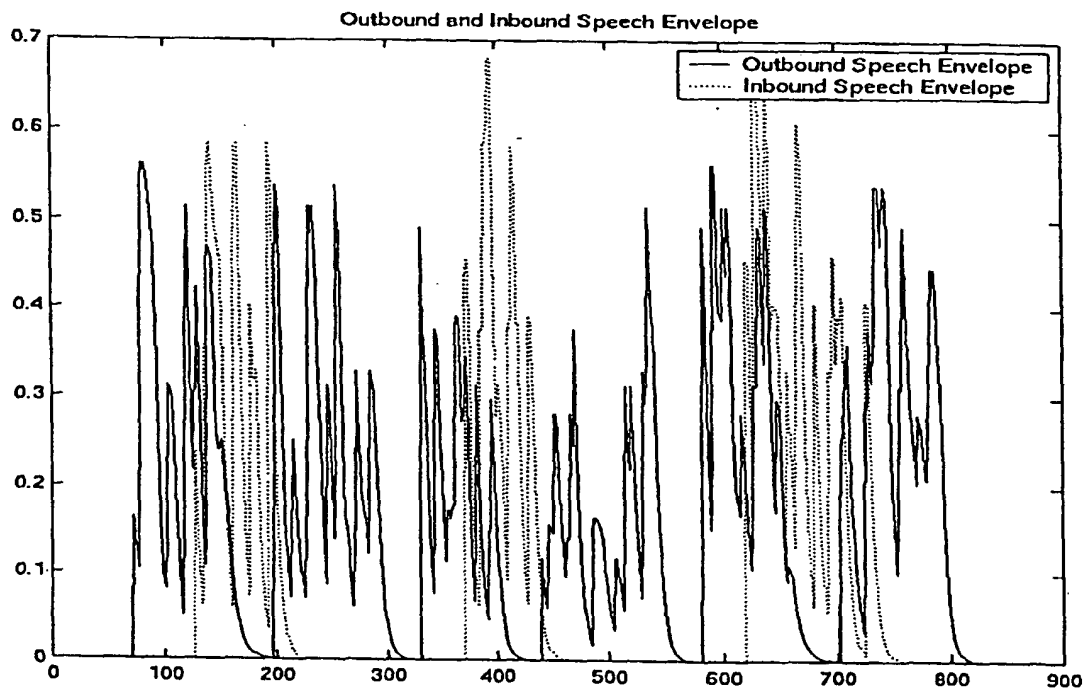
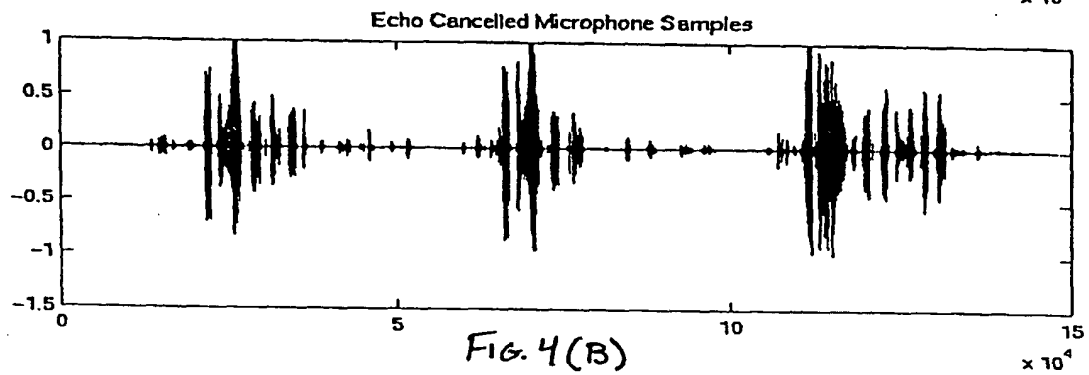
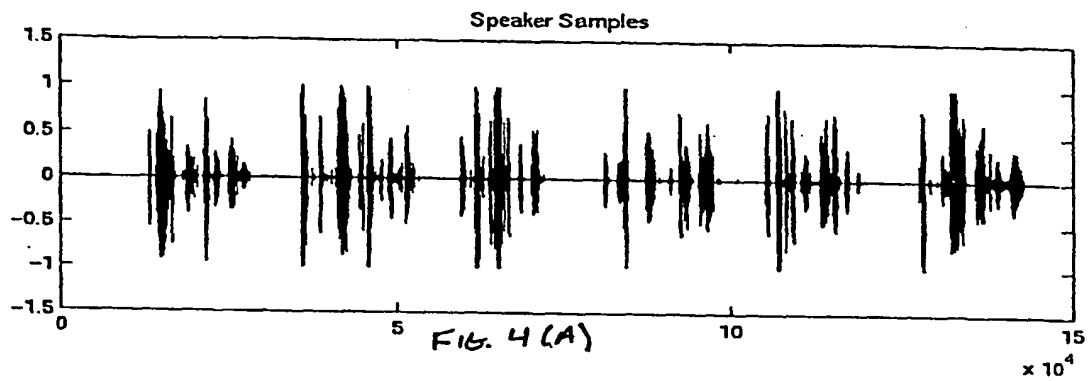


FIG. 5

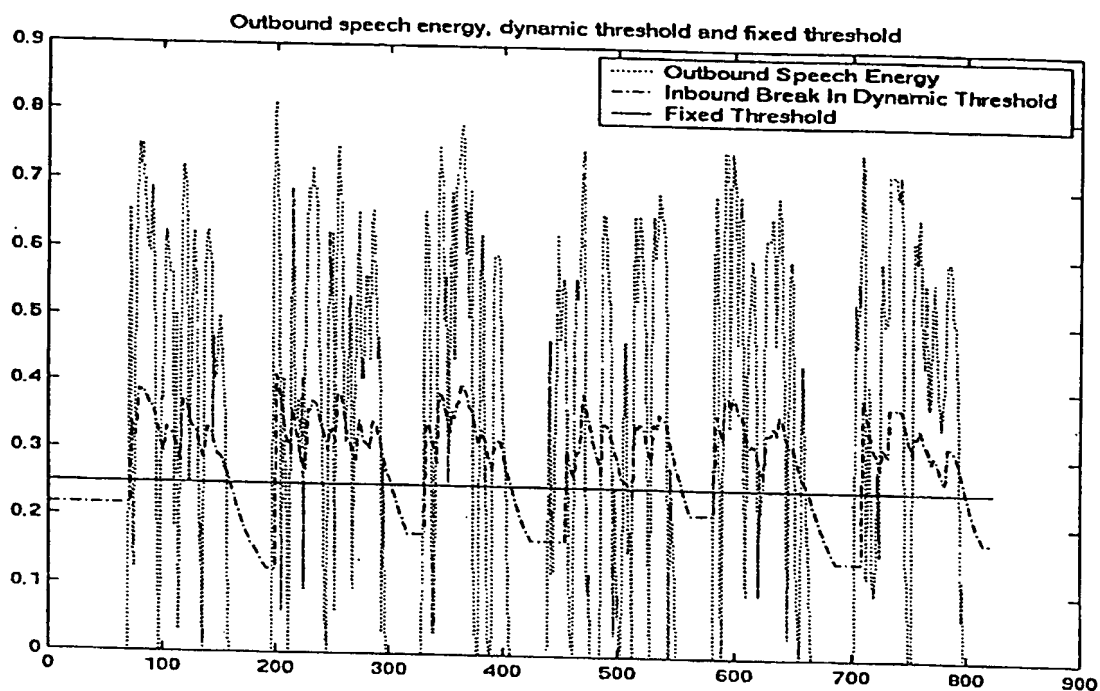


FIG. 6

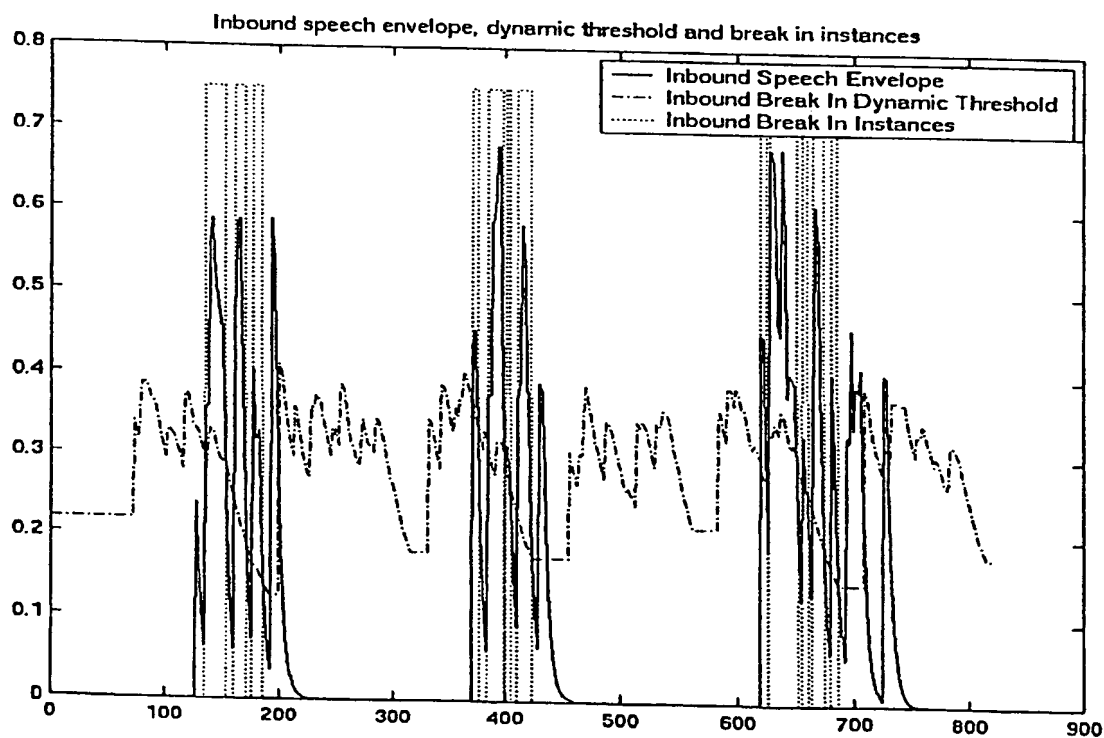


FIG. 7

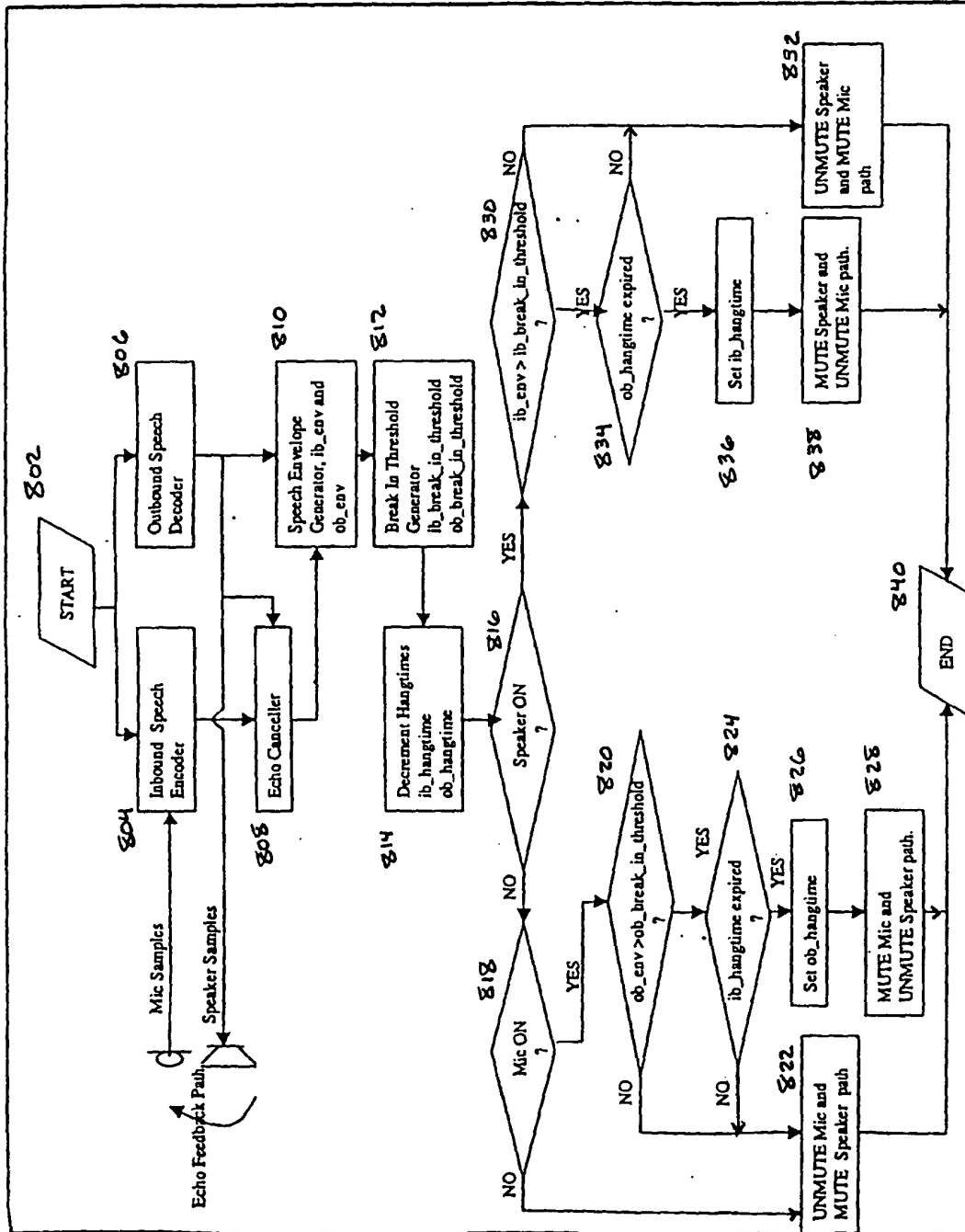
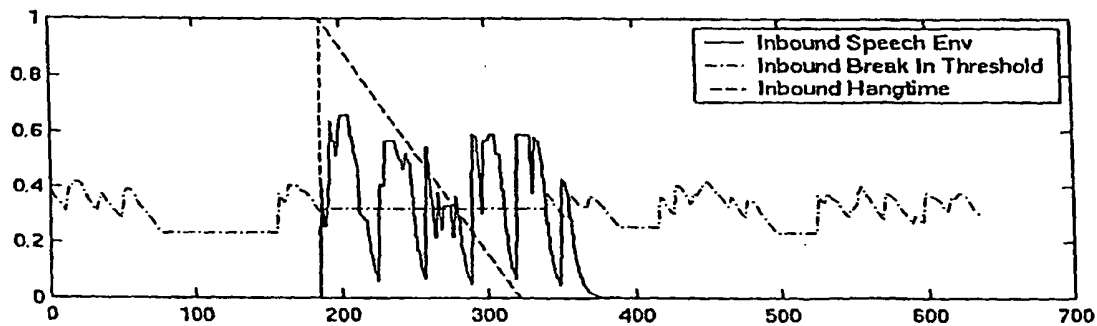
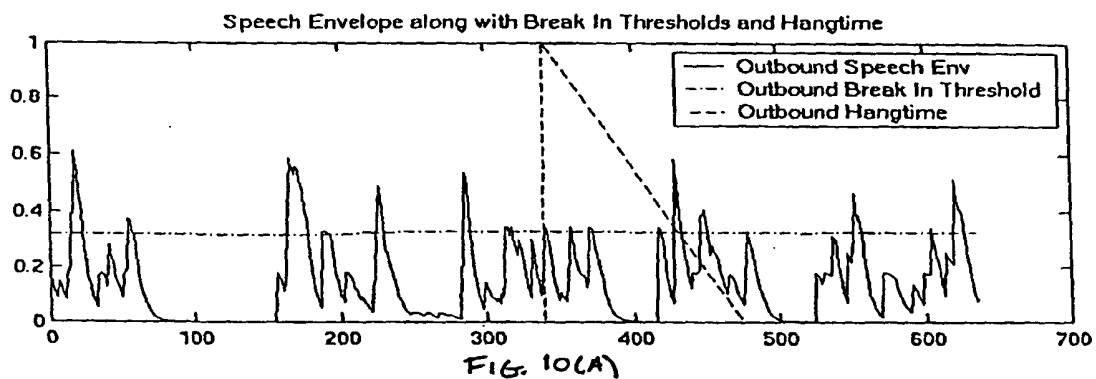
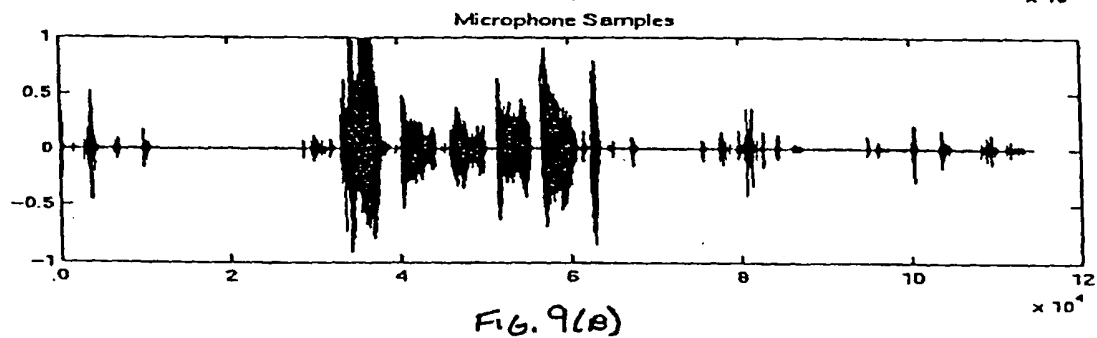
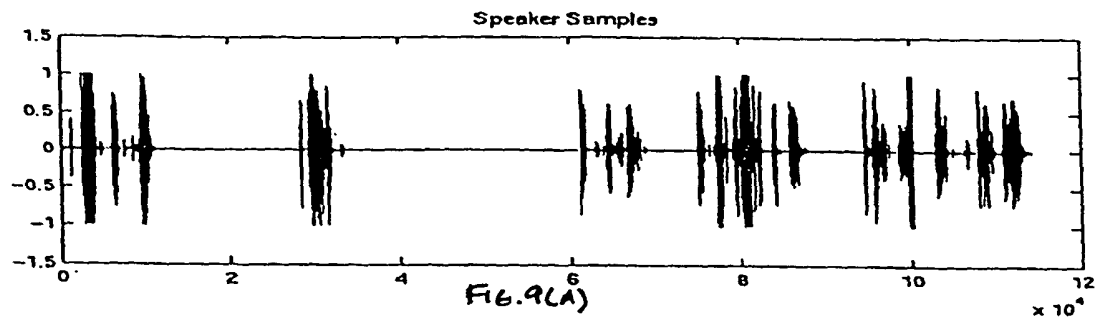


Fig. 8



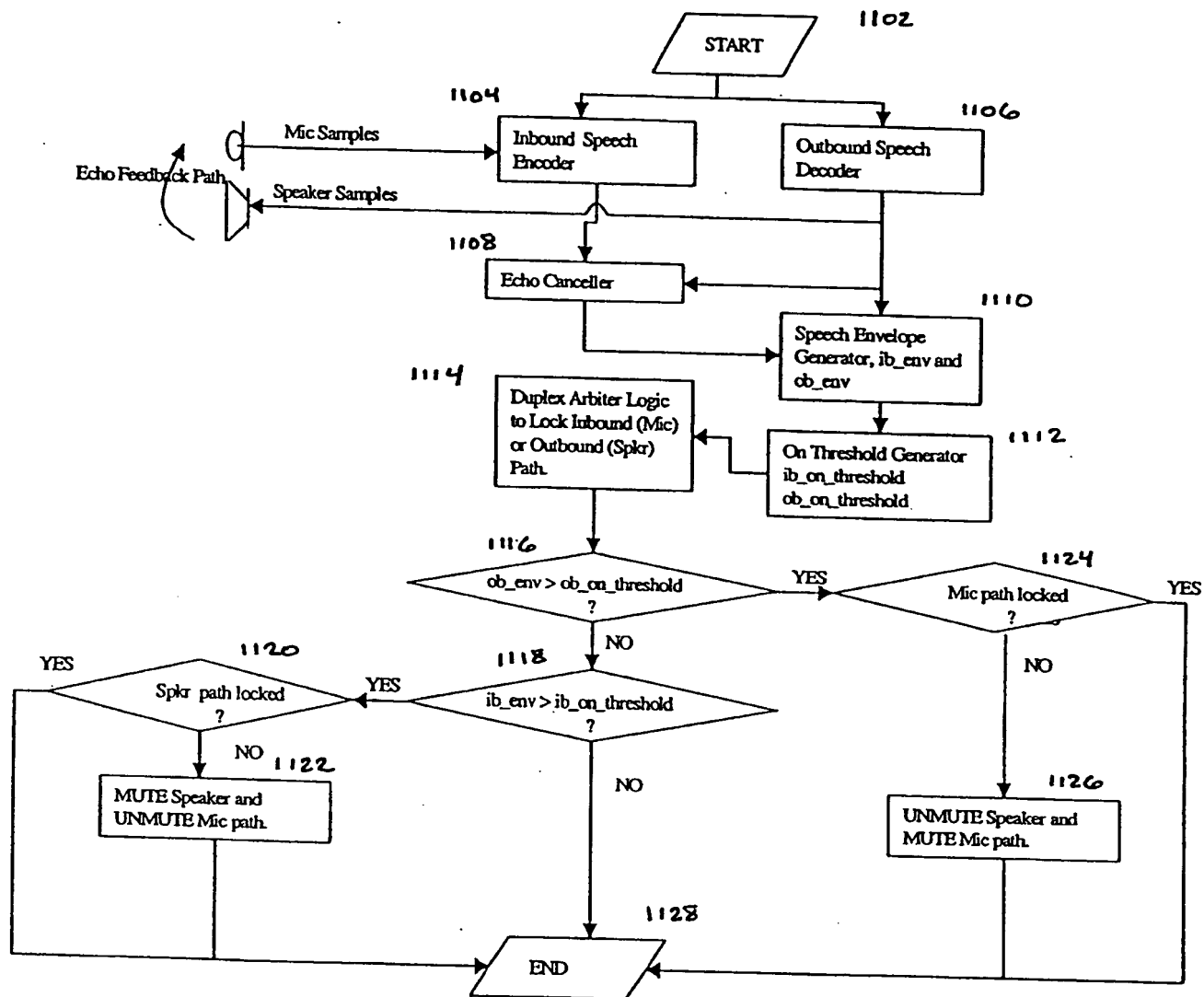


FIG. 11



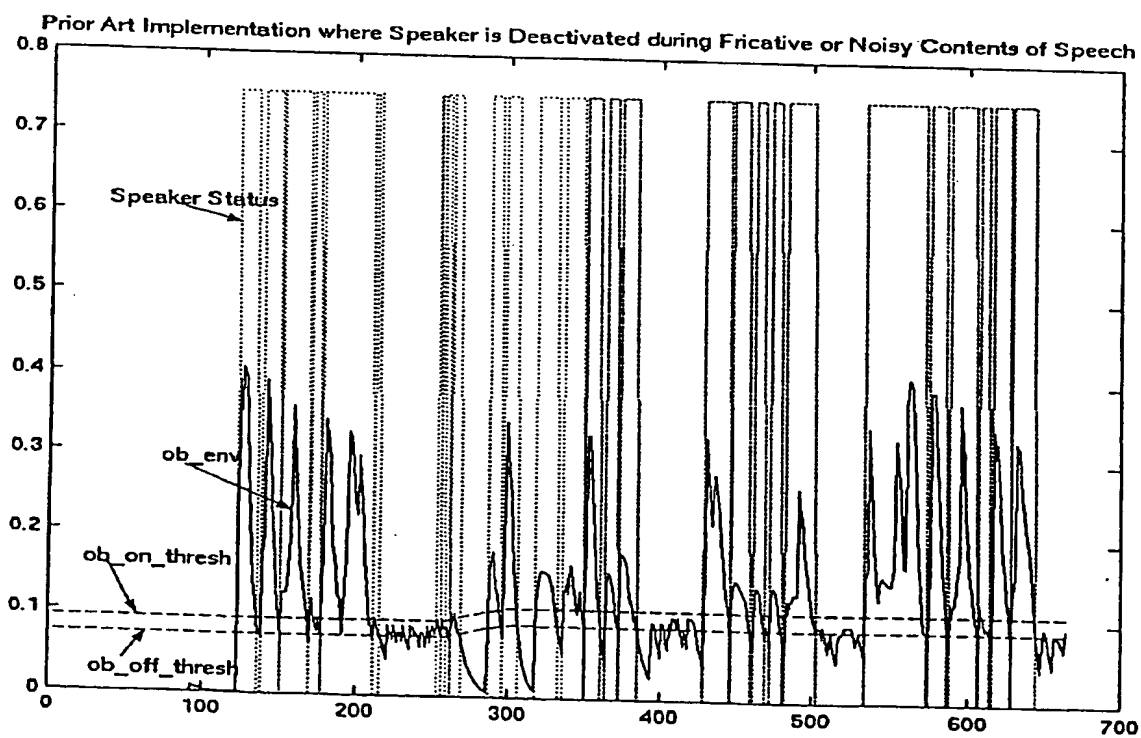
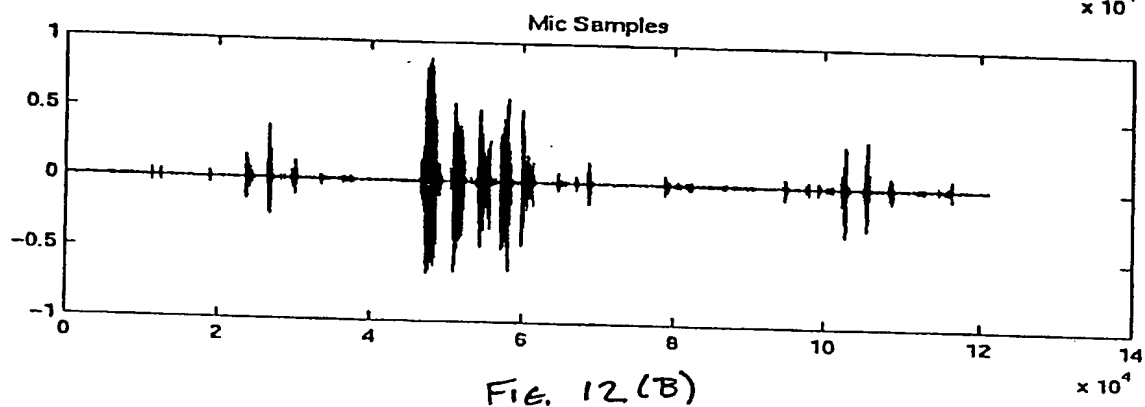
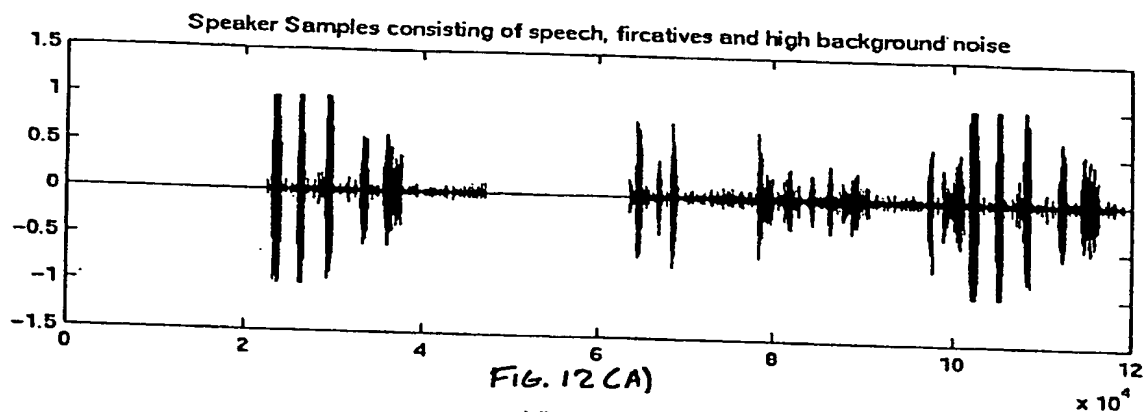


FIG. 13

New Art Implementation where Speaker is NOT Deactivated during Fricative or Noisy Periods of Speech

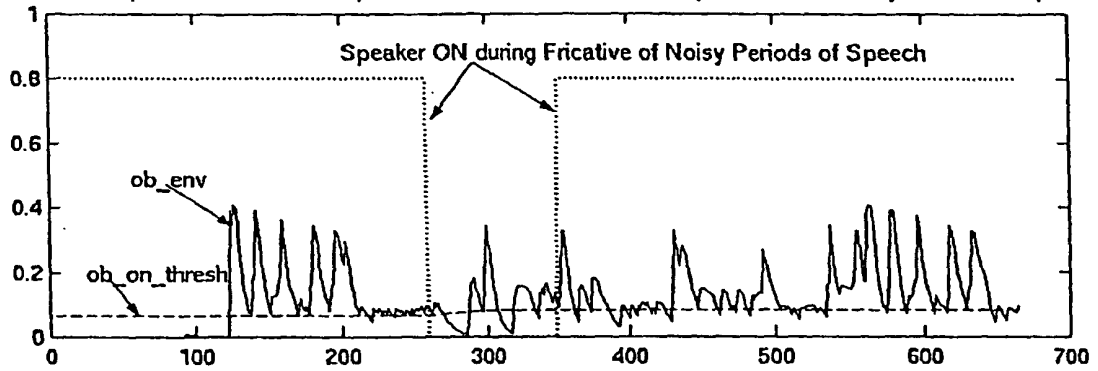


FIG. 14(A)

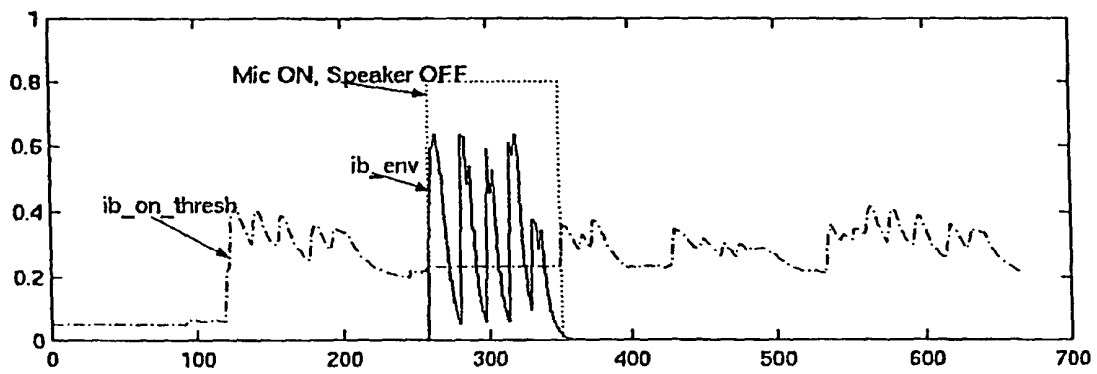


FIG. 14(B)